



"Communications-Electronics Logistics Center of Choice into the 21st Century"



E-Collaborative Maintenance

Joint Technology Exchange Group Elizabeth City, VA 3/21/01

Presented by Tony Haynes (734) 995-4930 tonyh@ncms.org

Project Overview

- Targets productivity increase
 - Reduce estimator hours expended locating hard-to-find parts
 - Reduce "no-bids" due due to failure to locate parts
- Implemented as a web site
- Use requires no user technology beyond a PC and a browser



The Project Concept

- Estimators (Tobyhanna personnel) create projects and enter list of parts needed – including a repository of supporting documents
- The fact of the creation of a new list of needed parts is published via a broadcast email to all suppliers in the contact database (open to any supplier that wishes to participate)
- Suppliers view open parts requests and enter budgetary estimates as appropriate
- Estimator is notified of estimate entry and retrieves estimates

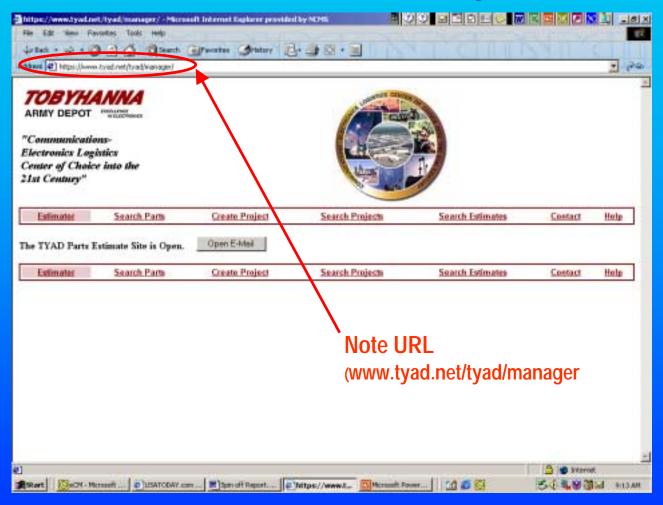


Potential Joint Service Use

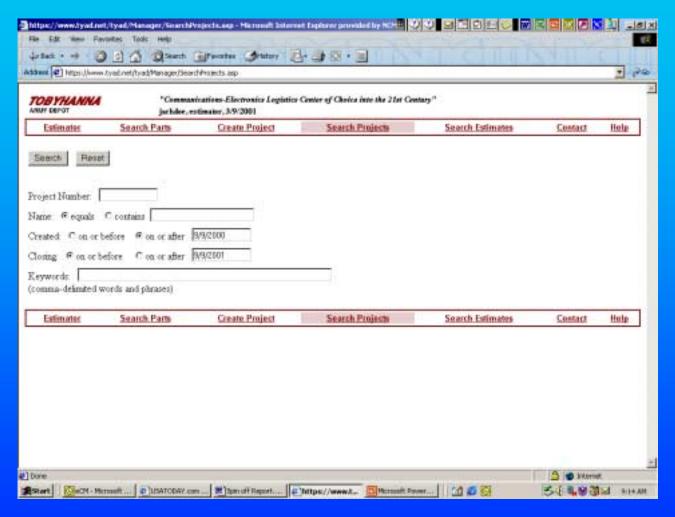
- Depots with electronics responsibility can use with only minor tailoring
 - Avionics, communications
- Extensible to mechanical components but will need a Phase II project to develop database specifications
 - All services



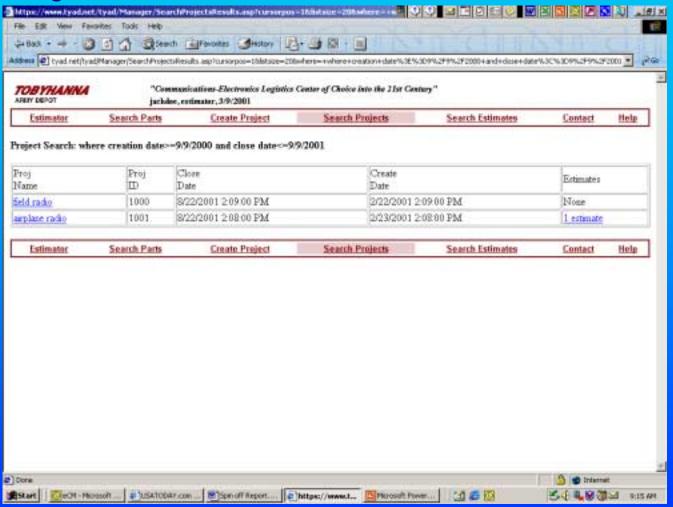
The Estimator Web Site Entry Screen



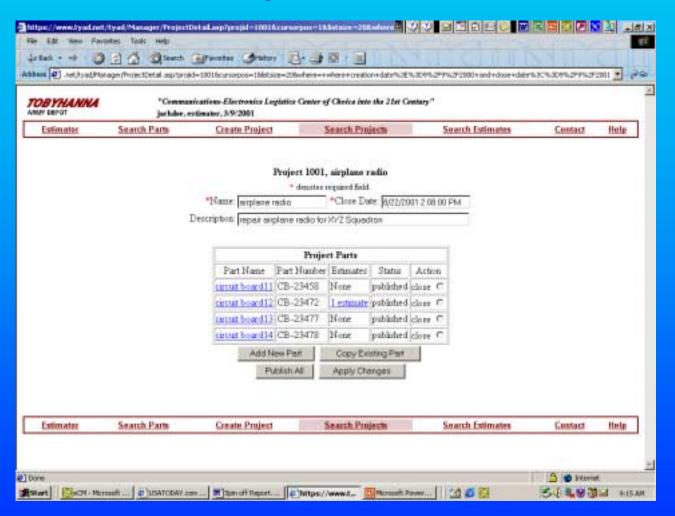
The Project Search Screen



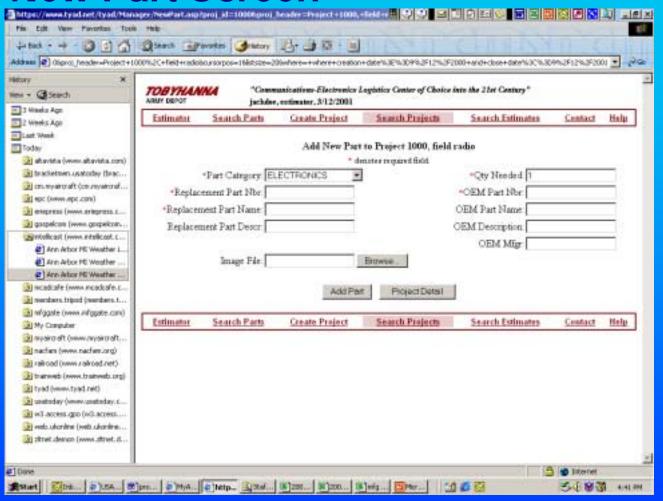
A Project Search Result



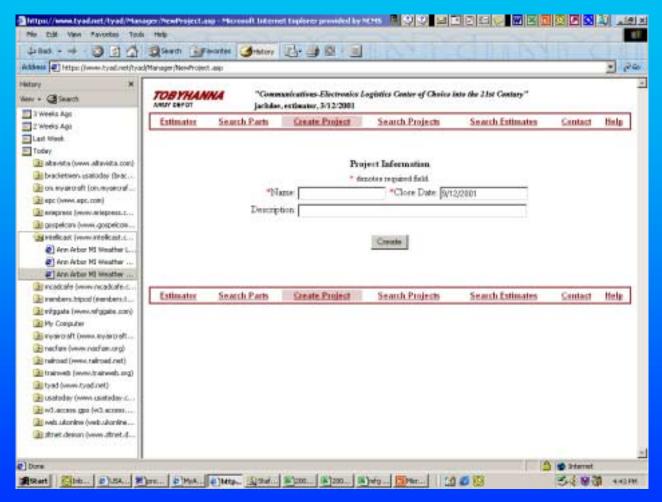
Drill Down to Project Detail



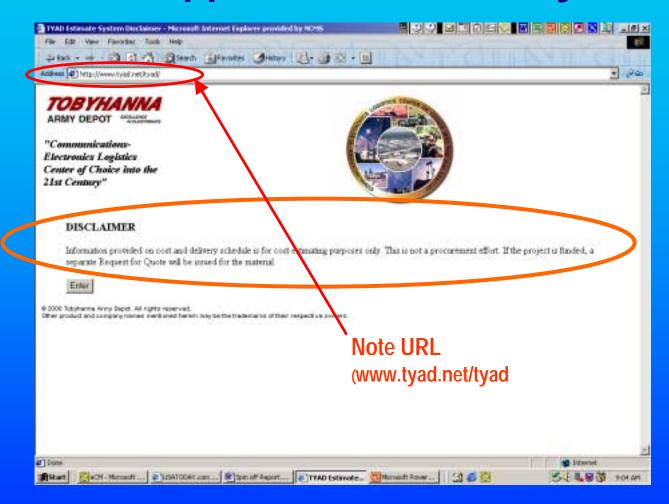
The New Part Screen



The New Project Screen



The Main Supplier Web Site Entry Screen





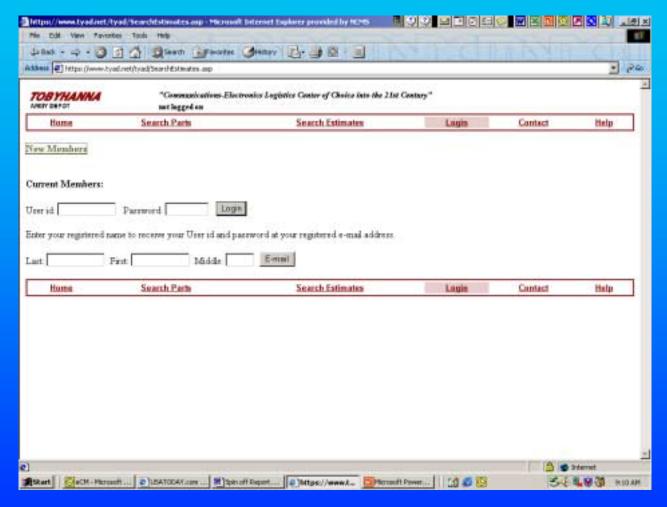
The Supplier Entry Screen

Search Parts Menu

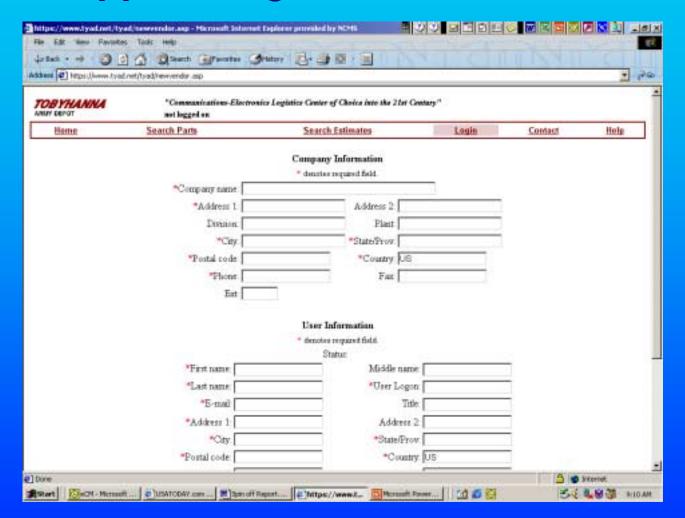




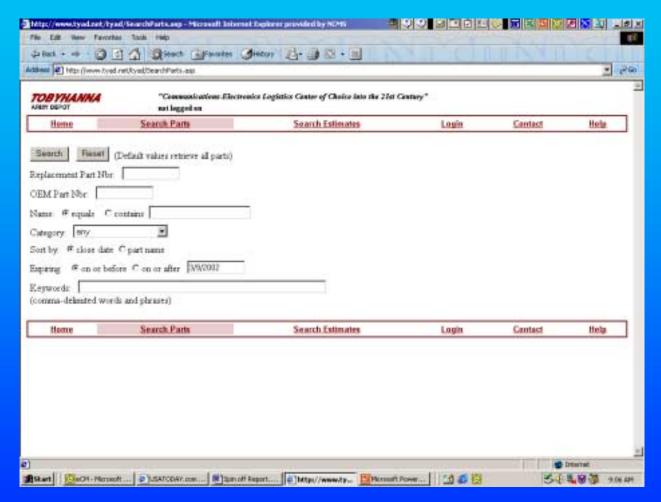
Supplier Login Screen



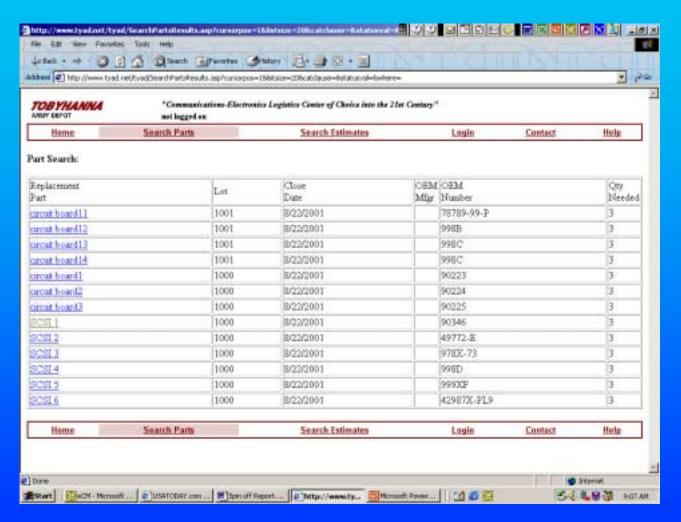
New Supplier Login/Password Creation



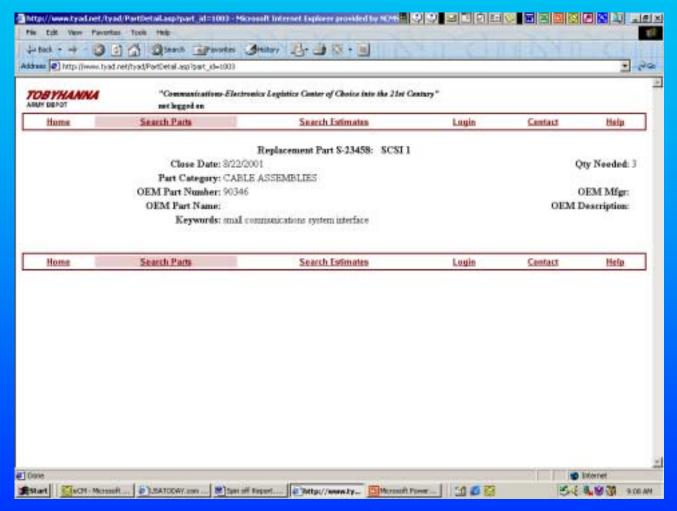
The Search Parts Screen



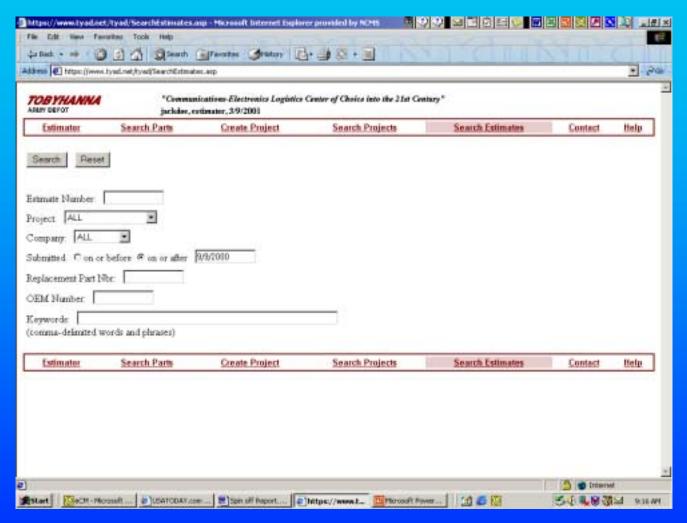
A Part Search Result



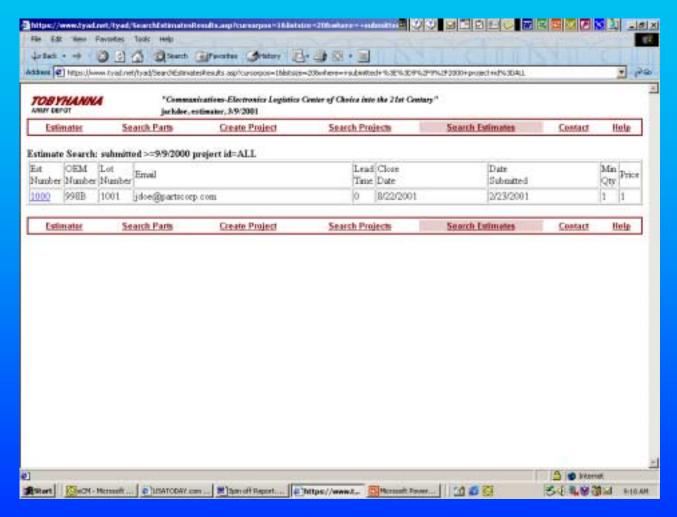
Drill Down to a Specific Part



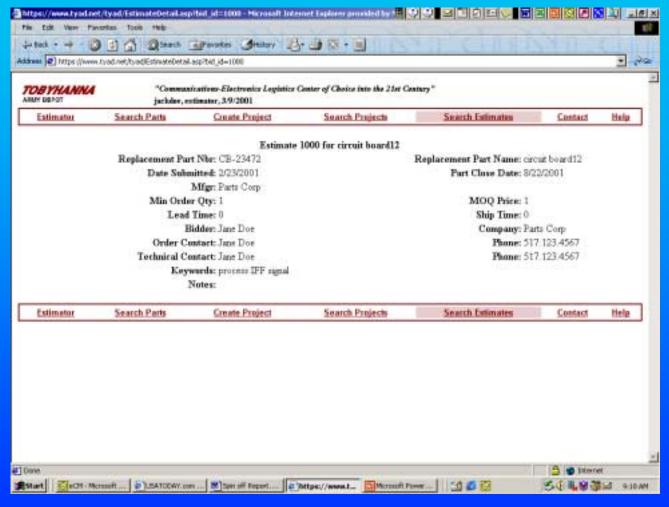
The Estimate Search Screen



An Estimate Search Result



Drill Down to Estimate Detail



Summary

- eCM is an effective, web-based productivity improvement tool
- Now targeted to electronic systems but could also be useful for repair and maintenance of mechanical systems
- Can be integrated with other tools to, for example, provide input to procurement operations

Extension to Other Applications

- A Phase II project formation will be necessary for extension to other services and/or applications
- The basic structure should be the same for any application but database fields may need tailoring
- NCMS seeks other ARMY, Navy, Marine, and Air Force depots for the Phase II project
- Contact Tony Haynes
 - (734) 995-4930 tonyh@ncms.org

